



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/538,910	06/14/2005	Norman Faiola	156-037	5139
40621	7590	05/13/2010		
PASTEL LAW FIRM CHRISTOPHER R. PASTEL 8 PERRY LANE ITHACA, NY 14850-9267			EXAMINER CHIN, RANDALL E	
			ART UNIT 3723	PAPER NUMBER
			MAIL DATE 05/13/2010	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/538,910

**Applicant(s)**

FAIOLA, NORMAN

**Examiner**

Randall Chin

**Art Unit**

3723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 February 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-10, 13, 14 and 18-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10, 13, 14 and 18-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB-06)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Objections*

1. Claim 6 is objected to because of the following informalities:

Claim 6, line 2, it is suggested to change "removable" to —removably—for grammatical reasons.

Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claim 18 is rejected under 35 U.S.C. 102(b) as being anticipated by Beck 1,329,694 (hereinafter Beck).

As for claim 18, Beck teaches a cleaning apparatus in Figs. 1 and 3 comprising a brush assembly which includes a brush 25 removably attached to a brace merely defined by clamping plates 11, 12 and jaws 15, 16, for example, said brush 25 including a plurality of bristles, said brush 25 having at least one cleaning surface, and wherein said brace is selectively engageable with a faucet 10 (lines 23-27) such that said brace

is **capable of** being manipulated with respect to said faucet 10, while engaged with said faucet 10, between a first pre-selected position and a second pre-selected position.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beck 1,329,694 (hereinafter Beck) in view of Rix 1,553,915 (hereinafter Rix).

As for claim 1, the patent to Beck discloses in Figs. 1 and 3 an apparatus, comprising a brush assembly 25, said brush assembly 25 including a backplane with at least one brush attached to said backplane such that all of a plurality of bristles on said at least one brush faces perpendicularly outward from said backplane, and a clamping mechanism 11, 12, 15, 16 which attaches said brush assembly 25 to a faucet 10 (p. 1, lines 40-50). The patent to Beck discloses all of the recited subject matter as set forth above with the exception of a resilient clamping mechanism which attaches said brush assembly to a faucet by stretching and then contracting onto said faucet. The patent to Rix discloses a resilient clip retainer or clamping mechanism 23, 23 which attaches a cleaning assembly to a pipe 10 by stretching and then contracting onto said pipe 10 (p. 2, lines 71-76). It would have been obvious to one of ordinary skill in the art to have substituted the resilient clamping mechanism of Rix for Beck's more rigid clamping

mechanism portion defined by jaws 11, 12, 15, 16 for the purpose of enabling the clamping mechanism to more easily stretch and contract (or detach as well) onto faucets or pipes of various sizes or diameters thus rendering the apparatus easier to use.

As for claim 2, said clamping mechanism is effective for pivoting said brush assembly in and out of line with a workstation.

As for claim 6, said clamping mechanism is removably attachable to the faucet (through Beck's wing nut 14).

As for claim 7, in Beck, said clamping mechanism includes a rigid mounting member which could be thumb nut 26 or guide structure 22 connected to said brush assembly 25.

As for claim 8, in Beck, said clamping mechanism includes a rigid mounting member which can be guide structure 22 integral with said brush assembly 25 (at final assembly).

As for claim 3, 4, 5, 9 and 10, it would have been obvious to one of ordinary skill in the art to have chosen such specific metals such as stainless steel for the backplane and/or clamping mechanism to prevent rust buildup in a water environment and for durability and stability purposes when attached to the faucet.

6. Claim 19 is rejected under 35 U.S.C. 103(a) as being unpatentable over Beck in view of Rix as applied to claim 1 above, and further in view of Hubert 2,019,705 (hereinafter Hubert).

The patent to Hubert discloses in Fig. 3, for example, a brush arrangement comprising two opposed brushes each facing outwards from a "backplane" 100 (Fig. 4). It would have been obvious to have provided the modified Beck apparatus with an arrangement wherein the brush is at least two opposed brushes each facing outwards from a backplane as suggested by Hubert for facilitating the scrubbing of both hands simultaneously.

7. Claims 13, 14 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hubert 2,019,705 (hereinafter Hubert) in view of Leiferman et al. 6,029,292 (hereinafter Leiferman).

As for claim 13, the patent to Hubert discloses in Figs. 1 and 4, for example, a brush assembly, said brush assembly including a "backplane" merely defined by the twisted wire plane 100 (Fig. 4) with at least one brush attached to said backplane such that a plurality of bristles 18 on said at least one brush faces outward from said backplane, and a clamping mechanism 48', 50', 154 which removably attaches said brush assembly to a faucet, wherein said clamping mechanism includes a hose or rod 150 having first and second ends, wherein said first end is connected to an end portion of said brush assembly (at least indirectly) and said second end is connected to said faucet (Fig. 4). The patent to Hubert discloses all of the recited subject matter as set forth above with the exception of a longitudinal axis of the faucet being within a plane defined by the backplane. The patent to Leiferman teaches an apparatus wherein a plane formed by a longitudinal axis of a faucet 21 is within a plane defined by a

backplane of a scrubbing assembly 31 (Fig. 1, for example). It would have been obvious to one of ordinary skill in the art to have modified the structural configuration of Hubert's apparatus such that a longitudinal axis of the faucet is within a plane defined by the backplane as suggested by Leiferman in order to facilitate the washing of hands or fingernails, if so desired, and since such is also deemed to involve a mere design choice configuration.

As for claim 14 reciting that said second end is connected to said faucet via an internally threaded connector which screws into a faucet head of said faucet, it is the Examiner's position that an internally threaded connector arrangement is old and well known in the faucet or hose art and that it would have been obvious to one of ordinary skill to have utilized an internally threaded connector arrangement for the purpose of more securely fastening the rod to the faucet. Further, it is well known that faucets typically have threaded ends to accommodate and connect various types of attachments.

As for claim 20, said at least one brush is two opposed brushes each facing outwards from said "backplane" 100 (Fig. 4).

### ***Conclusion***

8. Applicant's arguments with respect to claims 1-10, 13, 14 and 18-20 have been considered but are moot in view of the new ground(s) of rejection.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Randall Chin whose telephone number is (571) 272-1270. The examiner can normally be reached on Monday through Thursday and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Hail can be reached on (571) 272-4485. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Randall Chin/  
Primary Examiner, Art Unit 3723

